

1646 #4

Serial Number: 09/740,288A

CRF Processing Date: 5/04/2001
 Edited by: A
 Verified by: A (STIC staff)

ENTERED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

RECEIVED

MAY 17 2001

TECH CENTER 1600/2900

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

1646

RAW SEQUENCE LISTING DATE: 05/04/2001
 PATENT APPLICATION: US/09/740,288A TIME: 16:12:06

Input Set : A:\BB1429 US NA Corrected Seq Listing.txt
 Output Set: N:\CRF3\05042001\I740288A.raw

**Does Not Comply
 Corrected Diskette Needed**

3 <110> APPLICANT: Allen, Stephen
 4 Kinney, Anthony
 5 Miao, Guo-Hua
 6 Orozco, Emil
 8 <120> TITLE OF INVENTION: PLANT BIOTIN SYNTHASE
 10 <130> FILE REFERENCE: BB1429 US NA
 12 <140> CURRENT APPLICATION NUMBER: US 09/740288A
 13 <141> CURRENT FILING DATE: 2000-12-19
 15 <150> PRIOR APPLICATION NUMBER: US 60/172929
 16 <151> PRIOR FILING DATE: 1999-12-21
 18 <160> NUMBER OF SEQ ID NOS: 36
 20 <170> SOFTWARE: Microsoft Office 97

ERRORED SEQUENCES

1487 <210> SEQ ID NO: 36
 1488 <211> LENGTH: 12
 1489 <212> TYPE: PRT
 1490 <213> ORGANISM: biotin synthase conserved sequence element
 1492 <220> FEATURE:
 1493 <221> NAME/KEY: UNSURE
 1494 <222> LOCATION: (2)..(2)
 1495 <223> OTHER INFORMATION: Xaa represents any amino acid
 1498 <220> FEATURE:
 1499 <221> NAME/KEY: UNSURE
 1500 <222> LOCATION: (4)..(4)
 1501 <223> OTHER INFORMATION: Xaa represents any amino acid
 1504 <220> FEATURE:
 1505 <221> NAME/KEY: UNSURE
 1506 <222> LOCATION: (8)..(8)
 1507 <223> OTHER INFORMATION: Xaa represents any amino acid
 1510 <220> FEATURE:
 1511 <221> NAME/KEY: UNSURE
 1512 <222> LOCATION: (11)..(11)
 1513 <223> OTHER INFORMATION: Xaa represents any amino acid
 1516 <400> SEQUENCE: 36
 W--> 1517 Gly Xaa Cys Xaa Glu Asp Cys Xaa Tyr Cys Xaa Gln
 1518 1 5 10
 E--> 1521 9

VERIFICATION SUMMARY

DATE: 05/04/2001

PATENT APPLICATION: US/09/740,288A

TIME: 16:12:07

Input Set : A:\BB1429 US NA Corrected Seq Listing.txt

Output Set: N:\CRF3\05042001\I740288A.raw

L:48 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:54 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:167 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:220 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:221 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:256 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:365 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:589 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:591 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:615 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:1517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1521 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:36